

IFW

PTO/SB/21 (12-97)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/814,617
		Filing Date	3/31/2004
		First Named Inventor	Bocock, Ryan M.
		Group Art Unit	2817
		Examiner Name	NGUYEN, KHANH V
Total Number of Pages in This Submission	H	Attorney Docket Number	SIL.P0080

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Additional Enclosure(s) (please identify below): - Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request of Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

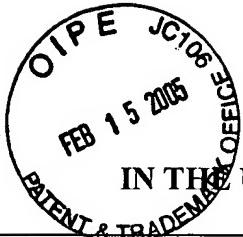
Firm or Individual name	Johnson & Associates Bruce A. Johnson	Customer Number 30163
Signature		
Date	2-9-05	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Bruce A. Johnson	
Signature		Date 2-9-05

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bocock et al.

Serial No.: 10/814,617

Filed: 3/31/2004

Title: FAST SETTLING POWER
AMPLIFIER REGULATOR

Attorney Docket No.: SIL.P0080

Group Art Unit:
2817

Examiner:
NGUYEN, KHANH V

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is submitted:

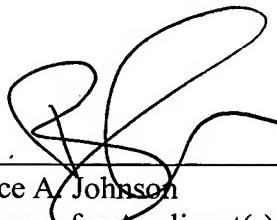
- under 37 CFR 1.97(b), or
 - (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- under 37 CFR 1.97(c) together with either a:
 - (1) Certification under 37 CFR 1.97(e), or
 - (2) a \$180.00 fee under 37 CFR 1.17(p), or
 - (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97(d) together with a:
 - Certification under 37 CFR 1.97(e), and
 - a \$180.00 fee under 37 CFR 1.17(p).
 - (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- under 37 CFR 1.97(i)
 - (Not filed under either § 1.97 or § 1.98. IDS to be placed in the file)
- Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Applicants would also like to make the Examiner aware of the following commonly owned co-pending patent applications: 10/378,779, filed on 3/4/2003 entitled "METHOD AND APPARATUS FOR CONTROLLING THE OUTPUT POWER OF A POWER AMPLIFIER"; and 10/880,962, filed on 6/30/04, entitled "METHOD AND APPARATUS FOR CONTROLLING THE OUTPUT POWER OF A POWER AMPLIFIER".

Applicants also note that two electronic IDS' are being filed on the same day as this IDS. In the first electronic IDS, an IDS fee is included.

It is requested that the information disclosed herein be made of record in this application.

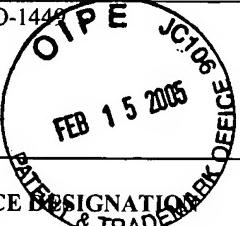
Respectfully submitted,



Bruce A. Johnson
Attorney for Applicant(s)
Reg. No. 37361

Date: 29-05

Customer Number 30163
Telephone No.: 512-301-9900

 FORM PTO-1440	ATTY. DOCKET NO.	SIL.P0080	SERIAL NO.	10/814,617
	APPLICANT	Bocock et al.		
	FILING DATE	3/31/2004	GROUP	2838

REFERENCE DESIGNATION & TRADEMARK OFFICE **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLAS	TRANSLATION	
						YES	NO
	WO 00/16492	03/23/00	Macnally et al.				
	WO 98/37627	08/27/98	Ledenev et al.				
	EO 399561	11/28/90	Clanahan et al.				
	DE 4419318	07/12/95	Grunecker et al.				
	EP 0413348A2	02/20/91	Andoh				
	JP 03128513A	05/31/91	Kasey a				
	JP 200074559	06/23/00	Tarui				
	EP 0654898A2	05/24/95	Matsushita et al.				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Sokal, N. O. and Sokal, A. D., "Class E - A new class of high-efficiency tuned single ended switching power amplifiers," IEEE Journal of Solid State Circuits, vol. SC-10, No. 3, June 1975, pp. 168-176.
	Makihara, Chihiro et al., "The Possibility of High Frequency Functional Ceramics Substrate", International Symposium on Multilayer Electronic Ceramic Devices, 5/5/98 in Cincinnati, Ohio.
	Huang et al., "A BiCMOS /Automatic Gain Control Amplifier for SONET OC-3", Proceeding of the IEEE Custom IC Conference, May 1-4, 1995, pp 103-106.
	Webster, "Websters Ninth New Collegiate Dictionary", Merriam-Webster, 1991, page 971.

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO-1 FEB 15 2005 RECEIVED U.S. PATENT AND TRADEMARK OFFICE JC106	ATTY. DOCKET NO.	SIL.P0080	SERIAL NO.	10/814,617
	APPLICANT	Bocock et al.		
	FILING DATE	3/31/2004	GROUP	2838

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLAS	TRANSLATION	
							YES	NO
		JP 63-7011	01/12/98	Kashiai et al.				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Toffolo et al., "Development of a CMOS switched capacitor instrumentation amplifier", IEEE Colloquium on ASICS, April 10, 1992 pp 2/1.
	G. Trauth V. Vanhuffel J. Trichet, "AN ADVANCED CONTROLLER FOR MULTI-BAND OPEN LOOP POWER CONTROL MODE RF POWER AMPLIFIER", Microwave Engineering, July 2002, pages 39-40.
	RF Micro Devices, Inc., RF3110 TRIPLE-BAND GSM/DCS/PCS POWER AMP MODULE Data Sheet, pages 2-401 – 2-412.
	Berglund, "A Note on Power-Law Devices and Their Effect on Signal-to-Noise Ratio", IEEE Transactions on Information Theory, Vol. 10, Issue 1, Jan. 1964, p.p. 52-57.

EXAMINER	DATE CONSIDERED
----------	-----------------